PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY	PCT				
То:					
VOSSIUS & PARTNER SIEDER SIEDERTSTRASSE 4 EINGEGANGEN	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND				
D-81675 München Vossius & Partner	THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION				
D 5, Nov. 2007	4.2.08 22 Mo C.				
1	9/				
Frist 2.1.08 bearb.: 19.12. G. czi	(PCT Rule 44.1)				
	Date of mailing (day/month/year)				
	02/11/2007				
Applicant's or agent's file reference N1668 PCT S5	FOR FURTHER ACTION See paragraphs 1 and 4 below				
International application No.	International filing date				
PCT/EP2007/003069	(day/month/year) 04/04/2007				
Applicant					
SIMONSVOSS TECHNOLOGIES AG					
Paris and Talenton Ag					
1. The applicant is hereby notified that the international search	report and the written opinion of the International Searching				
Authority have been established and are transmitted herewit Filing of amendments and statement under Article 19:	h.				
The applicant is entitled, if he so wishes, to amend the claim	s of the International Application (see Rule 46):				
When? The time limit for filing such amendments is norr International Search Report.					
Where? Directly to the International Bureau of WIPO, 34 1211 Geneva 20, Switzerland, Fascimile No.: (4	chemin des Colombettes 122) 338 82 70				
For more detailed instructions, see the notes on the ac	companying sheet.				
The applicant is hereby notified that no international search Article 17(2)(a) to that effect and the written opinion of the in	report will be established and that the declaration under				
3. With regard to the protest against payment of (an) addition					
the protest together with the decision thereon has been	transmitted to the International Bureau together with the				
applicant's request to forward the texts of both the prot no decision has been made yet on the protest; the app	est and the decision thereon to the designated Offices.				
4. Reminders	security and so meaning as a soon as a decision is made.				
Shortly after the expiration of 18 months from the priority date, the	e international application will be published by the				
International Bureau. If the applicant wishes to avoid or postpone application, or of the priority claim, must reach the International Bu	ifeatt as provided in Rules 90 his 1 and 90 his 2 respectively				
before the completion of the technical preparations for internation The applicant may submit comments on an informal basis on the	Written Oninion of the International Searching Authority to the				
The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preilminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.					
Within 19 months from the priority date, but only in respect of son	De designated Offices, a demand for international oreliminary				
examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.					
In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is flied within 19 months.					
See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site.					
Name and mailing address of the International Searching Authority	Authorized officer				
European Patent Office, P.B. 5818 Patentlaan 2					
NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, 	Pia Dahl				

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the International preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*, Volume I/A, Annexes B1 and B2).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the international Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, Volume I/A, paragraph 296).

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims, it should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference N1668 PCT S5	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, Item 5 below.
International application No.	International filing date (day/month,	/year) (Earliest) Priority Date (day/month/year)
PCT/EP2007/003069	04/04/2007	04/04/2006
Applicant		
SIMONSVOSS TECHNOLOGIES AC	3	
This international search report has been according to Article 18. A copy is being tra	prepared by this International Search ansmitted to the International Bureau	ning Authority and is transmitted to the applicant
This international search report consists o	of a total of shee a copy of each prior art document of	
Basis of the report a. With regard to the language, the	international search was carried out	on the basis of:
<u> </u>	application in the language in which it	
	e international application into irnished for the purposes of internatio	, which is the language nal search (Rules 12.3(a) and 23.1(b))
b. With regard to any nucle	otide and/or amino acid sequence	disclosed in the international application, see Box No. I.
2. Certain claims were fou	and unsearchable (See Box No. II)	
3. Unity of invention is lac	king (see Box No III)	
4. With regard to the title,		
X the text is approved as su	• • • • • • • • • • • • • • • • • • • •	
the text has been established	shed by this Authority to read as follow	ws:
oo daa		
5. With regard to the abstract, X the text is approved as si	ubmitted by the applicant	
	• • • •	is Authority as it appears in Box No. IV. The applicant
may, within one month fr	om the date of mailing of this internat	ional search report, submit comments to this Authority
6. With regard to the drawings ,		
a. the figure of the drawings to be	published with the abstract is Figure I	No. <u>4</u>
as suggested by	, ,	
	nis Authority, because the applicant fa nis Authority, because this figure bette	
	be published with the abstract	A CHARACTORIZES THE HIVEHIGOT

INTERNATIONAL SEARCH REPORT

International application No PCT/EP2007/003069

A. CLASSIFICATION OF SUBJECT MATTER INV. E05B47/06 G07C9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) E05B G07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.		
Х	EP 0 976 896 A2 (WILKE HEINRICH HEWI GMBH) 2 February 2000 (2000-02-02)	1,6, 9-14,17, 18,27,		
Y	the whole document	28,30-36 2-5,7,8, 29		
X	WO 2004/020767 A (GOLDMAN) 11 March 2004 (2004-03-11)	1,6, 9-14,17, 18, 20-23, 27-36		
Υ	the whole document	2-5,7,8		
X	WO 98/44224 A (MDA SYSTEMES S A) 8 October 1998 (1998-10-08) abstract	1,27		
è	-/			

Further documents are listed in the continuation of Box C.	X See patent family annex,
* Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search 24 October 2007	Date of mailing of the International search report $02/11/2007$
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Van Beurden, Jason

2

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2007/003069

C(Continue	tion). DOCUMENTS CONSIDERED TO BE RELEVANT	FC1/EF2007/003069
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	DE 20 2005 003764 U1 (SITECH SICHERHEITSTECHNIK GMBH) 19 May 2005 (2005-05-19) the whole document	1,27
X	DE 198 54 879 C1 (KLENK & STORANDT) 3 August 2000 (2000-08-03) the whole document	1,27
X	DE 100 65 155 A1 (SCHULTE ZYLINDERSCHL GMBH [DE]) 27 June 2002 (2002-06-27)	20-23
Υ	figures 	2-5,7,8, 29
Α	DE 297 03 559 U1 (LERCHNER & HAINZLMAIER) 30 April 1997 (1997-04-30) page 5, last paragraph; figures 1,2	1,17,18, 27,35,36
A	EP 0 588 209 A (ITALIANA SERRATURE AFFINI) 23 March 1994 (1994-03-23) the whole document	1
A	US 2004/183652 A1 (DENG SHENG ET AL) 23 September 2004 (2004-09-23) the whole document	12-14
		
:		

2

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/EP2007/003069

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
EP	0976896	A2	02-02-2000	AT DE DK ES JP US	200922 19834691 976896 2156455 2000045582 6264256	A1 T3 T3 A	15-05-2001 03-02-2000 28-05-2001 16-06-2001 15-02-2000 24-07-2001
WO	2004020767	A	11-03-2004	AU BR CA CN EP KR US ZA	2003253246 0313901 2496640 1685125 1543208 20050065538 2004040355 200501595	A A1 A A1 A A1	19-03-2004 19-07-2005 11-03-2004 19-10-2005 22-06-2005 29-06-2005 04-03-2004 05-09-2005
WO	9844224	Α	08-10-1998	EP FR	0973986 2761396		26-01-2000 02-10-1998
DE	202005003764	U1	19-05-2005	AT EP	7420 1659238		25-03-2005 24-05-2006
DE	19854879	C1	03-08-2000	NON	E		
DE	10065155	A1	27-06-2002	NON	E		Make alam takah Majal arish dakin diret umun umun mann umun annen annen umu
DE	29703559	U1	30-04-1997	NON	E	ME BANK BANK SIAM AND SIAM AND SIAM SIAM SIAM SIAM SIAM SIAM SIAM SIAM	
EP	0588209	Α	23-03-1994	IT	1258149	В	20-02-1996
US	2004183652	A1	23-09-2004	CA US	2461210 2005116480		21-09-2004 02-06-2005

PATENT COOPERATION TREATY

From the NTERNATIONAL SI	EARCHING AUTH	PEINGEG!	NGEN	
То:		Vosalus & F © 5, Nov.	an a rot	PCT
see for	m PCT/ISA/220	Frist bearb.:		I RITTEN OPINION OF THE TIONAL SEARCHING AUTHORITY
				(PCT Rule 43bis.1)
			Date of mailing (day/month/yea	r) see form PCT/ISA/210 (second sheet)
Applicant's or agent's see form PCT/IS/			FOR FURTH	IER ACTION 2 below
International application PCT/EP2007/003		International filing date 04.04.2007	(day/month/year)	Priority date (day/month/year) 04.04.2006
International Patent C INV. E05B47/06 (Applicant SIMONSVOSS T	307C9/00	both national classification	n and IPC	
Box No. I Box No. II Box No. II Box No. IV Box No. V Box No. V Box No. V	Basis of the or Priority I Non-establish Lack of unity of Reasoned state applicability; of Certain defections.	ment of opinion with reg of invention tement under Rule 43 <i>b</i> itations and explanation	gard to novelty, in is.1(a)(i) with regars as supporting suc	ventive step and industrial applicability ard to novelty, inventive step or industrial h statement
written opinio the applicant International will not be so If this opinion submit to the from the date whichever ex For further op	or international pre n of the Internation chooses an Autho Bureau under Rule considered. is, as provided ab IPEA a written rep of mailing of Form pires later.	nal Preliminary Examininary other than this one to 66.1 bis(b) that written ove, considered to be a style together, where approperties or before	ng Authority ("IPE to be the IPEA ar opinions of this In a written opinion of opriate, with ame	on will usually be considered to be a (A") except that this does not apply where d the chosen IPEA has notified the iternational Searching Authority of the IPEA, the applicant is invited to ndments, before the expiration of 3 months 22 months from the priority date,
Name and mailing ac	Idress of the ISA:	Date of this opir	completion of	Authorized Officer
NL-228	ean Patent Office - P 30 HV Rijswijk - Pays 31 70 340 - 2040 Tx: 31 70 340 - 3016			Van Beurden, Jason Telephone No. +31 70 340-3394

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/EP2007/003069

Box No	o. I Basis of the opinion
1. With re	gard to the language, this opinion has been established on the basis of:
⊠ the	international application in the language in which it was filed
	ranslation of the international application into, which is the language of a translation furnished for the rposes of international search (Rules 12.3(a) and 23.1 (b)).
	gard to any nucleotide and/or amino acid sequence disclosed in the international application and ary to the claimed invention, this opinion has been established on the basis of:
a. type	of material:
	a sequence listing
	table(s) related to the sequence listing
b. form	at of material:
	on paper
	in electronic form
c. time	of filing/furnishing:
	contained in the international application as filed.
	filed together with the international application in electronic form.
	furnished subsequently to this Authority for the purposes of search.
ha co	addition, in the case that more than one version or copy of a sequence listing and/or table relating theret s been filed or furnished, the required statements that the information in the subsequent or additional pies is identical to that in the application as filed or does not go beyond the application as filed, as propriate, were furnished.
4. Additio	nal comments:

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

2-5,7,8,15-19,24-26,29,35,36

No: Claims

1,6,9-14,20-23,27,28,30-34

Inventive step (IS)

Yes: Claims

No: Claims

1-36

Industrial applicability (IA)

Yes: Claims

1-36

No: Claims

2. Citations and explanations

see separate sheet

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet

Re Item V.

- 1 Reference is made to the following documents:
 - D1: EP 0 976 896 A2 (WILKE HEINRICH HEWI GMBH) 2 February 2000 (2000-02-02)
 - D2: WO 2004/020767 A (GOLDMAN) 11 March 2004 (2004-03-11)
 - D3: WO 98/44224 A (MDA SYSTEMES S A) 8 October 1998 (1998-10-08)
 - D4: DE 20 2005 003764 U1 (SITECH SICHERHEITSTECHNIK GMBH) 19 May 2005 (2005-05-19)
 - D5: DE 198 54 879 C1 (KLENK & STORANDT) 3 August 2000 (2000-08-03)
 - D6: DE 100 65 155 A1 (SCHULTE ZYLINDERSCHL GMBH) 27 June 2002 (2002-06-27)
- 2 INDEPENDENT CLAIMS 1, 27 and 28
- 2.1 The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 is not new in the sense of Article 33(2) PCT. Document D1 discloses (the references in parentheses applying to this document): a handle set for a lock comprising a coupling apparatus being activated by a transponder (see par [0009]), which selectively couples the exterior handle to the latch, furthermore comprising an authenticator circuit authenticating the signal from the transponder and controlling the actuator, wherein the authenticator circuit and the actuator are positioned on the interior side of the central plane of the door, and housed in the interior handle.
 - Consequently, all features of claim 1 are known from document D1 and therefore the subject matter of this claim is not new (Article 33(2) PCT).
- 2.2 Independent claims 27 and 28 essentially relate to the same subject matter, and the subject matter of these claims is consequently equally not novel in view of document D1.
- 3 INDEPENDENT CLAIM 20

- 3.1 Document D6 discloses an electronic locking and lever assembly comprising an exterior handle (8) and interior handle (5) on opposite sides of a door, comprising a coupling device actuated by an actuator and an access control device (see [0014]) controlling the actuator.
 - The coupling device furthermore comprises two camming blocks (12, 20) for providing torque transmission when movement of the camming block is blocked by a blocking element (9) in the coupled state, in which case movement of the exterior handle can be transmitted to the latch member in order to open the door.
 - Consequently, all features of claim 20 are known from document D6 and therefore the subject matter of this claim is not new (Article 33(2) PCT).
- The dependent claims 2-26 and 29-36 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step (Article 33(2) and (3) PCT), as their features are equally known from the prior art (see documents D1-D6 and documents cited in the search report), or relate to slight constructional changes in the handle set / electronic door locking assembly according to claim 1, 20, 27 or 28, which come within the scope of the customary practice followed by persons skilled in the art, especially as the advantages thus achieved can be readily foreseen, in particular as these features in the description explicitly are indicated not to be essential to the invention (see page 10, lines 12-14).

Re Item VII.

- 1.1 The features of the claims 1-27 are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).
- 1.2 Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1-D6 is not mentioned in the description, nor are these document/s identified therein.

1.3 Although formulated as an independent claim, claim 29 comprises all the features of claim 28 and therefore is not appropriately formulated as a claim dependent on the latter (Rule 6.4 PCT).

Re Item VIII.

- 1.1 Although claims 1,20,27 and 28 have been drafted as separate independent claims, they appear to relate effectively to the same subject-matter and to differ from each other only with regard to the definition of the subject-matter for which protection is sought and/or in respect of the terminology used for the features of that subject-matter. The aforementioned claims therefore lack conciseness and as such do not meet the requirements of Article 6 PCT.
- 1.2 The relative term "take-off" means used in claims 20,22,28,29 and 30 has for locks no recognised meaning and leaves the reader in doubt as to the meaning of the technical features to which it refers, thereby rendering the definition of the subject-matter of said claims unclear, Article 6 PCT.
- 1.3 Claims 19 and 26 do not meet the requirements of Article 6 PCT in that the matter for which protection is sought is not clearly defined, as these claims define the subject-matter in terms of the result to be achieved, without providing the technical features necessary for achieving this result.

Possible steps after receipt of the international search report (ISR) and written opinion of the International Searching Authority (WO-ISA)

General inform ation

For all international applications filed on or after 01/01/2004 the competent ISA will establish an ISR. It is accompanied by the WO-ISA. Unlike the former written opinion of the IPEA (Rule 66.2 PCT), the WO-ISA is not meant to be responded to, but to be taken into consideration for further procedural steps. This document explains about the possibilities.

under Art. 19 PCT

Amending claims Within 2 months after the date of mailing of the ISR and the WO-ISA the applicant may file amended claims under Art. 19 PCT directly with the International Bureau of WIPO. The PCT reform of 2004 did not change this procedure. For further information please see Rule 46 PCT as well as form PCT/ISA/220 and the corresponding Notes to form PCT/ISA/220.

Filing a demand for international preliminary examination

In principle, the WO-ISA will be considered as the written opinion of the IPEA. This should, in many cases, make it unnecessary to file a demand for international preliminary examination. If the applicant nevertheless wishes to file a demand this must be done before expiry of 3 months after the date of mailing of the ISR/WO-ISA or 22 months after priority date, whichever expires later (Rule 54bis PCT). Amendments under Art. 34 PCT can be filed with the IPEA as before, normally at the same time as filing the demand (Rule 66.1 (b) PCT).

If a demand for international preliminary examination is filed and no comments/amendments have been received the WO-ISA will be transformed by the IPEA into an IPRP (International Preliminary Report on Patentability) which would merely reflect the content of the WO-ISA. The demand can still be withdrawn (Art. 37 PCT).

Filing informal comments

After receipt of the ISR/WO-ISA the applicant may file informal comments on the WO-ISA directly with the International Bureau of WIPO. These will be communicated to the designated Offices together with the IPRP (International Preliminary Report on Patentability) at 30 months from the priority date. Please also refer to the next box.

End of the international phase

At the end of the international phase the International Bureau of WIPO will transform the WO-ISA or, if a demand was filed, the written opinion of the IPEA into the IPRP, which will then be transmitted together with possible informal comments to the designated Offices. The IPRP replaces the former IPER (international preliminary examination report).

Relevant PCT Rules and more information

Rule 43 PCT, Rule 43bis PCT, Rule 44 PCT, Rule 44bis PCT, PCT Newsletter 12/2003, OJ 11/2003, OJ 12/2003